

I CLAIM:

1. An improved gang lamp structure comprising:

a first and second sockets alternately and juxtaposedly integrated with one another and each having an upper rim, a  
5 bottom hole and a pair of first and second insertion grooves in opposing inner walls, wherein the first socket is positioned slightly higher than the second socket and having a rectangular opening in an upper periphery abutting the upper rims of said first and second sockets, the second socket having a  
10 pair of hooks facing a pair of stop plates respectively formed on opposing upper peripheries to define a gap therebetween, a bent step shaped copper plate striding on bottom of said opening an upper contact surface engaged within the second insertion groove of said first socket and a lower contact  
15 surface engaged within the first insertion groove of said second socket, a pair of electric wires respectively disposed in said hooks each having a contact plate respectively inserted into the bottom holes of said first and second sockets and engaged within the first insertion groove of said first socket  
20 and the second insertion groove of said second socket;

a first lamp having a base and a bulb on top of the base frictionally engaged within the upper rim of said first socket said lamp having a pair of lead-in wires separately attached on the base and respectively engaged with contact plate of  
25 the first electric wire and the upper contact surface of the

bent step shaped copper plate and a rectangular protrusion on an outer periphery of the base engaged within said rectangular opening of said first socket and pressed on top of said bent step shaped copper plate;

5 a second lamp having base, a bulb on top of the base frictionally engaged within the upper rim of said second socket, said lamp having a pair of lead-in wires respectively engaged with the lower contact surface of the bent step shaped copper plate and the contact plate of said second electric wire  
10 and a pair of L-shaped projections symmetrically formed on opposing peripheries of the base blocking the gaps of the second socket.

2. An improved gang lamp structure comprising:

a first, a second and a third sockets alternately and  
15 juxtaposedly integrated with each other and each having a pair of first and second insertion grooves in opposing inner walls, a upper rim and a lower hole, wherein the second socket is positioned a slightly outward and higher than the first and the third socket and having a pair of rectangular openings  
20 in opposing upper peripheries abutting the upper rim of the sockets, the first and the second sockets each having a hook facing a stop plate formed on an outer upper periphery to define a gap therebetween, a pair of first and second bent step shaped copper plates symmetrically and respectively  
25 striding on bottom of said rectangular openings each having

an upper contact surface respectively engaged within the first and the second insertion grooves of said second socket and a lower contact surface respectively engaged within the second insertion groove of said first socket and the first insertion groove of said third socket, a pair of first and second electric wire respectively disposed within the hooks of said first and third sockets and each having a contact plate on top respectively inserted into the bottom holes of said first and third socket and engaged with the first insertion groove of said first socket and the second insertion groove of said third socket;

a middle lamp having a base, a bulb on top of the base, a pair of lead-in wires separately attached on bottom of said base and a pair of rectangular protrusions on opposing peripheries of the base, which said lamp being frictionally engage with the upper rim of said second socket, said lead-in wires will be respectively engaged with the upper contact surfaces of said bent step shaped copper plates and said rectangular protrusions will be engaged with said rectangular openings of said second socket and pressed top of said bent step shaped copper plates;

a pair of said lamps each having base, a bulb on top of the base, a pair of lead-in wires attach on bottom of said base and a L-shaped projection on an outer periphery, when frictionally and respectively engage the said lamps into the

upper rims of said first and second socket, the lead-in wires will be respectively engage with the contact plate of said first electric wire and the lower contact surface of said first bent step shaped copper plate in said first socket and  
5 the contact surface of said second bent step shaped copper plate and the contact plate of said second electric wire and their L-shaped projections will be blocked the gaps of said first and third socket.

3. An improved gang lamp structure comprising:

10 a first, a second and a third sockets alternately and juxtaposedly integrated with each other and each having a first and a second insertion grooves spacedly formed in opposing inner walls, an upper rim and a bottom hole, wherein the second socket is positioned slightly outward and lower  
15 than the first and the second socket, said first and second socket each having a rectangular opening in upper inner periphery and a hook facing a stop plate on upper outer periphery to define a gap therebetween, a pair of bent step shaped copper plates symmetrically striding on bottom of said  
20 rectangular openings each including an upper contact surface respectively engaged with the second insertion groove of said first socket and the first insertion groove of said third socket, a pair of first and second electric wires respectively disposed within the hooks of said first and second sockets  
25 each having a contact plate on top inserted into the bottom

hole of said first and second sockets and respectively engaged with the first insertion groove of said first socket and the second insertion groove of said third socket;

5 a middle lamp having a base, a bulb on top of the base and a pair of lead-in wire attached separately to bottom of the base which is frictionally engaged within the upper rim of said second socket with the lead-in wires respectively engaged with the lower contact surfaces of said bent step shaped copper plate;

10 a pair of side lamps each having a base, a bulb on top of the base, a pair of lead-in wire separately attached to bottom of the base, a rectangular protrusion on inward outer periphery of the base and a L-shaped projection on outward outer periphery of the base, when the side lamps respectively and  
15 frictionally engage within the upper rim of said first and third sockets, the lead-in wires respectively engage with the contact plate and the upper contact surface in said first socket and upper contact surface and the contact plate in said third socket.

20 4. The gang lamp structure as recited in claim 1, wherein said bent step shaped copper plate may be bent to appear a U-shaped horizontal section.

5 5. The gang lamp structure as recited in claim 3, wherein said bent step shaped copper plate may be bent to appear a  
25 N-shaped horizontal section.

6. An improved gang lamp structure comprising:

a first and a second sockets alternately integrated with one another with the first socket positioned slightly higher than the second socket and each of said sockets having first  
5 insertion groove and a second insertion groove spacedly formed in opposing inner walls, an upper rim, a bottom hole and a through hole punched between said sockets for inserting a bent step shaped copper plate which has a upward upper contact surface engaged within the second insertion groove of said  
10 first socket and a downward lower contact surface engaged within the first insertion groove of said second socket, a pair of electric wires each having a contact plate inserted into the bottom hole of said first and second sockets and respectively engaged with the first insertion groove of said  
15 first socket and the second insertion groove of said second socket, a pair of lamps each having a base, a bulb on top of the base and a pair lead-in wires separately attached to bottom of the base, when the lamps respectively and frictionally engage into the upper rim of said first and second  
20 sockets, their lead-in wire automatically engaged with the contact plates and the upper and lower contact surfaces of said bent step shaped copper plate.